

**Rio Linda /Elverta Community Water District
2005 Urban Water Management Plan**

**Appendix D
Water Waste Ordinance**

Chapter 4.13

WATER CONSERVATION

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- 4.14.100 Scope
- 4.14.200 REQUIREMENTS
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- 4.14.222 Statement of Water Conservation Measures
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- 4.14.300 RECOMMENDATIONS
- 4.14.310 Existing Services
- 4.14.320 Landscape/Garden Areas
- 4.14.330 Irrigation Systems

4.14.010 Purpose. Water is a limited natural resource. It must be used efficiently and economically to meet the health and safety needs of the community. This regulation incorporates water conservation as an integral part of the District's total water management program.

4.14.100 Scope. Water conserving practices, methods and devices adopted in this regulation are intended to reduce per-capita consumption. By discouraging water wastage and encouraging water savings, the District hopes to conserve its present water supply. Included in this regulation are:

1. Water conservation education;
2. Support of water conservation legislation;
3. New construction requirements for water conserving toilets, showers, faucets;
4. A continuous leak detection/repair program;
5. Metering of all non-metered consumers;

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6. A rate structure to encourage water conservation and reduce water waste;
 7. Distribution of water saving devices and promotion of detection and repair of household leaks;
 8. Establishment of water conserving landscape/gardening irrigation practices.

The Board recognizes that this policy does not foresee all the possibilities and will revise it as necessary

4.14.200 REQUIREMENTS

4.14.210 New Construction and Replacement. The following shall apply to all new construction and the remodeling of existing facilities that require a building permit:

1. The use of ultra-low flow toilets, (defined as 1.6 gallons or less).
2. A Pressure Reducing Valve on the main supply line from the meter which reduces household pressure to 50 PSI or less where normal system pressure exceeds 70 PSI;
3. Insulation of all hot water pipes and/or a hot water circulating system; and
4. Low-flow kitchen and lavatory faucets and shower heads.

4.14.220 New Development Landscape Requirements. Consumers shall comply with the regulations adopted by the County of Sacramento pursuant to the Water Conservation in Landscaping Act (Government Codes Sections 65591 et seq.). Continued conformance to the provisions thereof shall be a prerequisite for initiation and continuation of water service.

4.14.222 Statement of Water Conservation Measures. Consumers applying for a new service shall submit to the District all intended water-saving methods proposed for development.

4.14.224 Failure to Conform. Failure to conform to the provisions of Section 4.14.220 after the initiation of water service shall be considered a nuisance subject to abatement pursuant to Section 4.23.280.

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4.14.230 Reclaimed Wastewater. The District may require the use of reclaimed or other suitable water for irrigation where such water is available at reasonable cost.

4.14.240 New Technology. The District may require the use of other recycling or water saving facilities as practical and as technology permits.

4.14.250 Restrictions.

A. Conformance to the following restrictions is a condition of water service:

1. Open hoses are not permitted. Automatic shut-off nozzles are required.
2. Washing down of sidewalks, driveways, parking lots, or other paved surfaces is prohibited except to alleviate immediate fire or sanitation hazards.
3. All swimming pools, spas, ponds, and fountains shall be equipped with recirculating pumps.
4. Plumbing leaks, improperly adjusted sprinklers, or other water conduits/fixtures that require repair or adjustment must be corrected to the satisfaction of the District.

B. When a District representative determines that a person is in violation of the District's conservation plan, the following corrective action will be initiated:

1. First violation: verbal or written notification that a violation has been determined and how it shall be corrected.
2. Second violation: written warning indicating that a verbal and/or written notice was given initially and that the consumer has neglected to correct the problem following the notice, warning that a subsequent violation will result in citation and fine.
3. Third violation: written notification indicating that a ~~\$25.00~~ charge as established in §4.31.210 will be added to the consumer's next water bill.
4. All subsequent violations: water service will be discontinued. To reestablish service, a ~~reconnection~~ charge for temporary service turnoff and a charge for service turn-on as established in §4.31.210 must be paid by the violator to the District.

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4.14.300 RECOMMENDATIONS

4.14.310 Existing Services. The following are recommended water conservation measures:

1. Reduce toilet water use by installing ultra-low flow toilets or plastic bottles, water dams or special flushing devices in the exiting tank.
2. Install low-flow showerhead or flow restrictors.
3. Install low-flow faucets or aerators on existing kitchen/lavatory faucets.
4. Install pressure reducing valves where pressure exceeds 70 PSI.
5. Install insulation on hot water lines and around hot water heaters.
6. Installation of water conserving washers (front loading or adjustable level) and dishwashers.

4.14.320 Landscape/Garden Areas. The following are recommended water conservation measures:

1. Plant native and drought resistant varieties according to their environmental needs.
2. Group together plants having similar irrigation requirements.
3. Minimize irrigation runoff and encourage deep rooting by proper soil preparation to absorb and drain water.
4. Mulch to minimize evaporation and runoff.
5. Use ground plants to minimize evaporation losses.
6. Reduce runoff by minimizing the use of artificial slopes and by terracing natural or cut slopes.

4.14.330 Irrigation Systems. Different soils have different watering needs. Some soils require deep and infrequent watering. However, the quick draining nature of clay soils typically found in this area necessitates more frequent but shorter waterings with good mulching to prevent evaporation. Temporary irrigation systems are recommended until new plants become established. Permanent irrigation systems, using domestic water, should meet the following criteria:

1. Separate irrigation zones for plant groupings with different water requirements.
2. Site the system to avoid watering walks, driveways and streets.

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3. Automatic control (including moisture-sensing devices) to regulate the frequency, duration and time of watering. Irrigation is encouraged during off-peak hours and when watering is most effective.
 4. A minimum co-efficient of uniformity of 75%. This assures a uniform distribution of water.
 5. Application not to exceed 1/3" of water per hour. Accomplish this by uniform low rate or intermittent application.
 6. System pressure to be consistent with equipment recommendations.
 7. An irrigation piping system that is separate from domestic piping to facilitate the transfer of the irrigation system to a reclaimed water supply should it become available.
 8. A suitable connection in the irrigation piping system to install a meter to monitor irrigation consumption if necessary.

Chapter 4.15
WATER SHORTAGE EMERGENCY REGULATIONS

Sections:

- 4.15.010 EFFECTIVE PERIOD AND APPLICABILITY
- 4.15.100 LIMIT ON NEW CONNECTIONS
- 4.15.200 EXCEPTIONS
- 4.15.210 Fire Hydrants
- 4.15.120 Meters Less than One Inch
- 4.15.130 Preexisting Agreements
- 4.15.140 Preexisting Amendments to Agreements
- 4.15.150 Rescission of Unperformed Agreements
- 4.15.300 SUPERSEDES OTHER REGULATIONS

4.15.010 EFFECTIVE PERIOD AND APPLICABILITY. This Chapter is effective on the date the Board of Directors by resolution declares that a water shortage emergency condition prevails in any portion of or throughout the District. This Chapter shall continue in effect until the supply of water available for distribution within said area has been augmented sufficiently to meet the demands of said area and the Board of Directors finds and declares that said water shortage emergency condition has ended.

4.15.100 LIMIT ON NEW CONNECTIONS. New connections to the District's water distribution system may be limited to such number that the quantity of water to be furnished by the District through such new connections shall not exceed the safe capacity of the system based on District forecasts of use.

4.15.200 EXCEPTIONS. Anything In section 4.15.100 of this regulation to the contrary notwithstanding, new connections may be made to the water distribution system of the District as indicated herein below.

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4.15.210 Fire Hydrants. New connections solely for fire hydrants.

4.15.220 Meters Less than One Inch. New connections to the existing water distribution system which require a meter size not larger than one inch and which do not require the installation of a new main.

4.15.230 Preexisting Agreements. New connections pursuant to the terms of connection agreements which, prior to the effective date of this regulation, had been executed, or had been authorized by resolution of the Board to be executed, on behalf of the District:

4.15.240 Preexisting Amendments to Agreements. New connections made pursuant to amendment of connection agreements previously executed provided that the quantity of water to be furnished by the District is not thereby increased:

4.15.250 Rescission of Unperformed Agreements. New connections for use of quantities of water made available by reason of rescission of unperformed connection agreements.

4.15.300 SUPERSEDES OTHER REGULATIONS. During the effective period of this regulation, it shall supersede and control over any other regulation of the District in conflict herewith.